

ABSTRACT

A structure of light box assembly is disclosed in the invention, which includes an upper plastic frame and a lower plastic frame, and each of them can be formed by a plastic sheet or two same plastic sheets.

- 5 Besides, at least four supporting columns are used to connect and support the two plastic frames. In addition, a plurality of side plate, an upper cover plate, and a lower cover plates are separately installed according to different planes formed by each of the plastic frames and each of the supporting columns so as to construct a box body. Also, an erect
- 10 diffusion plate is provided at each corner of the box body corresponding to the position of its relative supporting column so that each of the four diffusion plates is to cover the outer field of each of the vertical light tubes. Thus, uniformly distributed light can be provided, and a solid and uniform light source can be provided as well. Moreover, the invention
- 15 provides a structure of box body by using same plastic members in accordance with their supporting columns and side plates as well as employing a sliding-in method for assembling each component so that fast assembly as well as easy assembly and disassembly can be achieved.